

Sheet 02 of 15

FORM PTO-1449

U.S. Dept. of Commerce  
Patent and Trademark Office

Atty Docket No.

P1101P2

Serial No.

09/396,710

## LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Ashkenazi et al.

Filing Date

15 Sep 1999

Group

1646

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	* 34 307,247	19.03.89	EPO				
	* 35 321,196	21.06.89	EPO				
	* 36 303,179	04.04.90	EPO				
	* 37 417,563	20.03.91	EPO (ENGLISH ABSTRACT ATTACHED)				
	* 38 266,710	12.04.89	GERMANY (ENGLISH ABSTRACT ONLY)				
	* 39 WO 87/05330	11.09.87	PCT				
	* 40 WO 89/02922	06.04.89	PCT				
	* 41 WO 89/05859	29.06.89	PCT				
	* 42 WO 90/13646	15.11.90	PCT				
	* 43 WO 91/00368	10.01.91	PCT				
	* 44 WO 91/00360	10.01.91	PCT				
	* 45 WO 91/08291	13.06.91	PCT				
	* 46 WO 92/20373	26.11.92	PCT				
	* 47 WO 93/08829	13.05.93	PCT				
	* 48 WO 94/04679	03.03.94	PCT				
	* 49 WO 94/04690	03.03.94	PCT				
	* 50 WO 94/29348	22.12.94	PCT				
	* 51 WO 95/10540	20.04.95	PCT				
	* 52 WO 95/11301	27.04.95	PCT				
	* 53 WO 95/31544	23.11.95	PCT				
	* 54 WO 97/01633	16.01.97	PCT				
	* 55 WO 97/25428	17.07.97	PCT				
	* 56 2,211,504	05.07.89	UNITED KINGDOM				

## OTHER DISCLOSURES (including Author, Title, Date, Pertinent Pages, etc.)

* 57	Adams et al., "Molecular cloning of mouse immunoglobulin heavy chain messenger ribonucleic acids coding for $\mu$ , $\gamma$ 1, $\gamma$ 2a, and $\gamma$ 3 chains" <i>Biochemistry</i> 19 2711-2719 (1980)
* 58	Amakawa et al., "The Hodgkin Disease Antigen CD30 is Crucial for Antigen-Induced Death of Developing T Cells" <i>Cold Spring Harbor Laboratory Symposium on Programmed Cell Death</i> (Abstr. No. 10) (1995)
* 59	Aplin et al., "Preparation, Properties, and Applications of Carbohydrate Conjugates of Proteins and Lipids" <i>CRC Crit. Rev. Biochem.</i> 10(4) 259-306 (1981)
* 60	Ashkenazi and Chanow, "Immunoadhesins: An Alternative to Human Monoclonal Antibodies" <i>Methods A Companion to Methods in Enzymology</i> 8:104-115 (1995)
* 61	Ashkenazi et al., "Protection Against Endotoxic Shock by a Tumor Necrosis Factor Receptor Immunoadhesin" <i>Proc. Natl. Acad. Sci.</i> 88:10535-10539 (Dec 1991)
* 62	<i>Analogous Bone Marrow Transplantation. Proceedings of the Third International Symposium</i> , Dick et al., University of Texas M.D. Anderson Hospital (1987)
* 63	Baldwin, "The NF- $\kappa$ B and I $\kappa$ B Proteins: New Discoveries and Insights" <i>Annu. Rev. Immunol.</i> 14:649-681 (1996)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

FORM PTO-1449

U.S. Dept. of Commerce  
Patent and Trademark Office

Atty Docket No.

P1101P2

Serial No.

09/396,710

## LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Ashkenazi et al.

Filing Date

15 Sep 1999

Group

1643 1646

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

- \* 64 Banner et al., "A Lymphocyte-Specific Cellular Enhancer Is Located Downstream of the Joining Region in Immunoglobulin Heavy Chain Genes" *Cell* 33:729-740 (July 1983)
- \* 65 Banner et al., "Crystal Structure of the Soluble Human 55 kd TNF Receptor-Human TNF Complex: Implications for TNF Receptor Activation" *Cell* 73:431-445 (1993)
- \* 66 Barr et al., "Apoptosis and Its Role in Human Disease" *Bio/Technology* 12:487-493 (1994)
- \* 67 Bianchini et al., "Transformation of the yeast *Kluyveromyces fragilis* by New Vectors Derived from the 1.6  $\mu$ m Circular Plasmid pKD1" *Curr. Genet.* 12:185-192 (1987)
- \* 68 "BLAST Results A-1 - A-47" (GenBank)
- \* 69 "BLAST Results B-1 - B-31" (GenBank, EST)
- \* 70 "BLAST Results C-1 - C-46" (Patent)
- \* 71 "BLAST Results D-1 - D-40" (Dayhoff - patent)
- \* 72 "BLAST Results E-1 - E-25" (Human - pat)
- \* 73 "BLAST Results F-1 - F-52" (Dayhoff)
- \* 74 Bodmer et al., "TRAMP, a Novel Apoptosis-Mediating Receptor with Sequence Homology to Tumor Necrosis Factor Receptor 1 and Fas (Apo-1/CD95)" *Immunology* 6:77-88 (1997)
- \* 75 Boerner et al., "Production of Antigen-Specific Human Monoclonal Antibodies From In Vitro-Primed Human Splenocytes" *The Journal of Immunology* 147(1):86-95 (1991)
- \* 76 Boldin et al., "Involvement of MACH, a Novel MORT1/FADD-Interacting Protease, in Fas/APO-1- and TNF Receptor-Induced Cell Death" *Cell* 85:803-815 (1996)
- \* 77 Boldin et al., "Self-Association of the 'Death Domains' of the p55 Tumor Necrosis Factor (TNF) Receptor and Fas/APO1 Prompts Signaling for TNF and Fas/APO1 Effector" *Journal of Biological Chemistry* 270:387-391 (1995)
- \* 78 Boulianne et al., "Production of functional chimeric mouse/human antibody" *Nature* 312:643-646 (December 13, 1984)
- \* 79 Bradley, "Production and Analysis of Chimeric Mice" *Teratocarcinomas and Embryonic Stem Cells: A Practical Approach*, R. J. Robertson, ed., IRL, Oxford, Chapter 5, pp. 113-151 (1987)
- \* 80 Brockhaus et al., "Identification of two types of tumor necrosis factor receptors on human cell lines by monoclonal antibodies" *Proc. Natl. Acad. Sci. USA* 87:3127-3131 (1990)
- \* 81 Brodeur et al., "Mouse-Human Myeloma Partners for the Production of Heterohybridomas" *Monoclonal Antibody Production Techniques and Applications*, New York: Marcel Dekker, Inc. pp. 51-63 (1987)
- \* 82 Brojatsch et al., "CAR1, a TNFR-Related Protein, Is a Cellular Receptor for Cytopathic Avian Leukosis-Sarcoma Viruses and Mediates Apoptosis" *Cell* 87:845-855 (Nov 29, 1996)
- \* 83 Bruggemann et al., "Designer Mice: The Production of Human Antibody Repertoires in Transgenic Animals" *Year in Immunology* 7:33-40 (1993)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-398

Sheet 04 of 15

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Any Docket No. P1101P2	Serial No. 09/3967710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Ashkenazi et al.	
			Filing Date 15 Sep 1999	Group 1643 1646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
	Byrn et al., "Biological Properties of a CD4 Immunoadhesin" <i>Nature</i> 344:567-670 (April 12, 1990)			
* 84	Canaani et al., "Regulated Expression of Human Interferon $\beta$ 1 Gene After Transduction into Cultured Mouse and Rabbit Cells" <i>Proc. Natl. Acad. Sci. USA</i> 79:5166-5170 (September 1982)			
* 85	Capon et al., "Designing CD4 Immunoadhesins for AIDS Therapy" <i>Nature</i> 337:525-531 (February 9, 1989)			
* 86	Caron et al., "Engineered humanized dimeric forms of IgG are more effective antibodies" <i>Journal of Experimental Medicine</i> 176(4):1191-1195 (Oct. 1, 1992)			
* 87	Carter et al., "Humanization of an anti-p185HER2 antibody for human cancer therapy" <i>Proc. Natl. Acad. Sci.</i> 89:4285-4289 (May 1992)			
* 88	Carter et al., "Improved oligonucleotide site-directed mutagenesis using M13 vectors" <i>Nucl. Acids Res.</i> 13(12):4431-4443 (1985)			
* 89	Chamow et al., "A Humanized, Bispecific Immunoadhesin-Antibody That Retargets CD3 <sup>+</sup> Effectors to Kill HIV-1-Infected Cells" <i>Journal of Immunology</i> 153:4268-4280 (1994)			
* 90	Chang et al., "Phenotypic Expression in E. coli of a DNA Sequence Coding for Mouse Dihydrofolate Reductase" <i>Nature</i> 275:617-624 (October 19, 1978)			
* 91	Chaudhary et al., "Death Receptor 5, a New Member of the TNFR Family, and DR4 Induce FADD-Dependent Apoptosis and Activate the NF- $\kappa$ B Pathway" <i>Immunity</i> 7:821-830 (1997)			
* 92	Chemotherapy Service Ed., M.C. Perry, Baltimore, MD:Williams & Wilkins (1992)			
* 93	Chinnaiyan and Dixit, "The Cell-Death Machine" <i>Current Biology</i> 6:555-562 (1996)			
* 94	Chinnaiyan et al., "FADD, a novel death domain-containing protein, interacts with the death domain of Fas and initiates apoptosis" <i>Cell</i> 81:505-512 (1995)			
* 95	Chinnaiyan et al., "FADD/MORT1 is a Common Mediator of CD95 (Fas/APO-1) and Tumor Necrosis Factor Receptor-induced Apoptosis" <i>Journal of Biological Chemistry</i> 271:4961-4965 (1996)			
* 96	Chinnaiyan et al., "Interaction of CED-4 with CED-3 and CED-9: A Molecular Framework for Cell Death" <i>Science</i> 275:1122-1126 (1997)			
* 97	Chinnaiyan et al., "Signal Transduction by DR3, a Death Domain-Containing Receptor Related to TNFR-1 and CD95" <i>Science</i> 274:990-992 (1996)			
* 98	Chothia and Lesk, "Canonical structures for the hypervariable regions of immunoglobulins" <i>J. Mol. Biol.</i> 196(4):901-917 (1987)			
* 99	Chothia, "The Nature of the Accessible and Buried Surfaces in Proteins" <i>Journal Mol. Biol.</i> 105:1-14 (1976)			
*100	Chuncharapai and Kim, "Generation of Monoclonal Antibodies to Chemokine Receptors" <i>Methods in Enzymology</i> 288:15-27 (1997)			
*101	Cleveland and Ihle, "Contenders in FasL/TNF Death Signaling" <i>Cell</i> 81:479-482 (1995)			
*102	Cohen, "Programmed Cell Death in the Immune System" <i>Advances in Immunol.</i> 50 55-85 (1991)			
*103				
Examiner <i>Chae M. Kay</i>			Date Considered 12/2/03	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

USCOMM-DC 80-398.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Ashkenazi et al.	
			Filing Date 15 Sep 1999	Group 1443/646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
	*104	Cole et al., "The REV-Hybridoma Technique and Its Application to Human Lung Cancer" <u>Monoclonal Antibodies and Cancer Therapy</u> , Reisfeld et al., New York: Alan R. Liss, Inc. pps 77-96 (1985)		
	*105	Creighton, "Protein Synthesis: Principles, Structures, and Molecular Principles", San Francisco: W.H. Freeman & Co. pps. 79-86 (1983)		
CUL	*106	Darzynkiewicz et al., "Assays of Cell Viability: Discrimination of Cells Dying by Apoptosis" <u>Methods in Cell Biol.</u> 41:15-38 (1994)		
	*107	David et al., "Protein Iodination with Solid State Lactoperoxidase" <u>Biochemistry</u> 13(5):1014-1021 (1974)		
	*108	Dealtry et al., "DNA Fragmentation and Cytotoxicity Caused by Tumor Necrosis Factor is Enhanced by Interferon- $\gamma$ " <u>European Journal of Immunology</u> 17:689-693 (1987)		
	*109	deBoer et al., "The TAC Promoter: A functional Hybrid Derived From the TRP and "LAC" Promoters" <u>Proc. Natl. Acad. Sci. USA</u> 80:21-25 (1983)		
	*110	Degli-Esposti et al., "Cloning and Characterization of TRAIL-R3, a Novel Member of the Emerging TRAIL Receptor Family" <u>Journal of Experimental Medicine</u> 186(7):1165-1170 (Oct 6, 1997)		
	*111	Depicker et al., "Nopaline Synthase: Transcript Mapping and DNA Sequence" <u>J. Mol. Appl. Gen.</u> 1:561-573 (1982)		
	*112	Dieffenbach et al., <u>PCR Primer: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press pps. 1-16, 133-142 (1995)		
	*113	Dolby et al., "Cloning and partial nucleotide sequence of human immunoglobulin $\mu$ chain cDNA from B cells and mouse-human hybridomas" <u>Proc. Natl. Acad. Sci. USA</u> 77(10):6027-6031 (1980)		
	*114	Duksin et al., "Relationship of the Structure and Biological Activity of the Natural Homologues of Tunicamycin" <u>Journal of Biological Chemistry</u> 257:3105-3109 (1982)		
CUL	*115	Eck and Sprang, "The structure of tumor necrosis factor- $\alpha$ at 2.6 Å resolution" <u>Journal of Biological Chemistry</u> 264(29):17595-17604 (1989)		
CUL	*116	Eck et al., "The Structure of Human Lymphotoxin (Tumor Necrosis Factor- $\beta$ ) at 1.9-Å Resolution" <u>J. Bio. Chem.</u> 267:2119-2122 (1992)		
	*117	Edge et al., "Deglycosylation of glycoproteins by trifluoromethanesulfonic acid" <u>Analytical Biochemistry</u> 118:131-137 (1981)		
	*118	Ellis, "Recognition of HLA-B2 and Related Antigen by a Monoclonal Antibody" <u>Human Immunology</u> 5:49-59 (1982)		
	*119	Emery et al., "Osteoprotegerin is a Receptor for the Cytotoxic Ligand Trail" <u>Journal of Interferon and Cytokine Research</u> (Abstract No. 247 from the 7th Intl. Tumor Necrosis Factor Congress May 17-21) 18(5):A-47 (May 1998)		
	*120	Enari et al., "Involvement of an ICE-like protease in Fas-mediated Apoptosis" <u>Nature</u> 375:78-81 (1995)		
	*121	Eván et al., "Isolation of Monoclonal Antibodies Specific for Human c-myc Proto-Oncogene Product" <u>Molecular &amp; Cellular Biology</u> 5:3610-3626 (1985)		
CUL	*122	Fadok et al., "Exposure of Phosphatidylserine on the Surface of Apoptotic Lymphocytes Triggers Specific Recognition and Removal by Macrophages" <u>J. Immunol.</u> 148:2207-2216 (1992)		
	*123	Falkner and Zachau, "Expression of mouse immunoglobulin genes in monkey cells" <u>Nature</u> 298:286-288 (1982)		
Examiner <u>Cham M. Kef</u>			Date Considered 12/2/03	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

USCOMM-DC 80-398.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	Group 1643 1646
OTHER DISCLOSURES (including Author, Title, Date, Pertinent Pages, etc.)					
*124	Field et al., "Purification of a RAS-Responsive Adenylyl Cyclase Complex from <i>Saccharomyces cerevisiae</i> by Use of an Epitope Addition Method" <i>Molecular &amp; Cellular Biology</i> 8:2159-2165 (1988)				
*125	Flers et al., "Complete Nucleotide Sequence of 9740 DNA" <i>Nature</i> 273:113-120 (May 11, 1978)				
*126	Fishwild et al., "High-avidity human IgGK monoclonal antibodies from a novel strain of minilocus transgenic mice" <i>Nature Biotechnology</i> 14(7):845-851 (Jul 1996)				
*127	Flers et al., "Stable Multicopy Vectors for High-Level Secretion of Recombinant Human Serum Albumin by <i>Kluyveromyces</i> Yeasts" <i>BioTechnology</i> 9:968-975 (1991)				
*128	Fraser and Evan, "A License to Kill" <i>Cell</i> 85 781-784 (1996)				
*129	Galb et al., "Pseudodiploidy: Refined Linkage and Radiation Hybrid Analyses Reduce the Critical Region to 2 cM at 1q21 and Map Two Candidate Genes" <i>Human Genet.</i> 98:141-144 (1996)				
*130	Cuthing et al., "Cell-Surface Expression of Influenza Haemagglutinin from a Cloned DNA Copy of the RNA Gene" <i>Nature</i> 293:620-625 (October 22, 1981)				
*131	Chetia et al., "Homodimerization of tumor-reactive monoclonal antibodies markedly increases their ability to induce growth arrest or apoptosis of tumor cells" <i>Proc. Natl. Acad. Sci. USA</i> 94(14):7509-7514 (Jul 8, 1997)				
*132	Glassy, M., "Production methods for generating human monoclonal antibodies" <i>Human Antibodies &amp; Hybridomas</i> 4(4):154-165 (Oct 1993)				
*133	Goding, "Production of Monoclonal Antibodies: Monoclonal Antibodies: Principles and Practice, Academic Press, pp. 59-103 (1986)				
*134	Goeddel et al., "Direct Expression in <i>Escherichia coli</i> of a DNA Sequence Coding for Human Growth Hormone" <i>Nature</i> 281 544-548 (October 18, 1979)				
*135	Goeddel et al., "Synthesis of Human Fibroblast Interferon by <i>E. coli</i> " <i>Nucleic Acids Research</i> 8(18) 4057-4074 (1980)				
*136	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 murine receptors for tumor necrosis factor" <i>Molecular &amp; Cellular Biology</i> 11:3020-3026 (1991)				
*137	Gorman et al., "The Rous Sarcoma Virus Long Terminal Repeat is a Strong Promoter When Introduced into a Variety of Eukaryotic Cells by DNA-Mediated Transfection" <i>Proc. Natl. Acad. Sci. USA</i> 79:6777-6781 (November 1982)				
*138	Gough et al., "Molecular cloning of seven mouse immunoglobulin $\kappa$ chain messenger ribonucleic acids" <i>Biochemistry</i> 19:2702-2710 (1980)				
*139	Graham et al., "A New Technique for the Assay of Infectivity of Human Adenovirus 5 DNA" <i>Virology</i> 52:456-467 (1973)				
*140	Graham et al., "Characteristics of a Human Cell Line Transformed by DNA from Human Adenovirus Type 5" <i>J. Gen. Virol.</i> 36:59-72 (1977)				
*141	Gray et al., "Expression of Human Immune Interferon cDNA in <i>E. coli</i> and Monkey Cells" <i>Nature</i> 295:503-508 (February 11, 1982)				
*142	Greenaway et al., "Human Cytomegalovirus DNA. BamHI, EcoRI and PstI Restriction Endonuclease Cleavage Maps" <i>Gene</i> 18:355-360 (1982)				
*143	Gruss and Dower, "Tumor Necrosis Factor Ligand Superfamily: Involvement in the Pathology of Malignant Lymphomas" <i>Blood</i> 85:3378-3404 (1995)				
Examiner Clara M. Kof				Date Considered 12/2/03	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant					

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	Group 1643 1646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
*144	Hale et al., "Demonstration of in vitro and in vivo efficacy of two biologically active human soluble TNF receptors expressed in E. coli" <i>J. Cell. Biochem.</i> (abstract only Supplement 15P, P 434) pps 113 (1991)				
*145	Hess et al., "Cooperation of Glycolytic Enzymes" <i>Advances in Enzyme Regulation</i> , George Weber, New York: Pergamon Press vol. 7, 149-167 (1968)				
*146	Hitzeman et al., "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene (PGK) by an Immunological Screening Technique" <i>Journal of Biological Chemistry</i> 255(24):12073-12080 (December 25, 1980)				
*147	Hohmann et al., "Two different cell types have different major receptors for human tumor necrosis factor (TNF)" <i>Journal of Biological Chemistry</i> 264(25):14927-14934 (1989)				
*148	Holland et al., "Isolation and Identification of Yeast Messenger Ribonucleic Acids Coding for Enolase, Glyceraldehyde-3-phosphate Dehydrogenase, and Phosphoglycerate Kinase" <i>Biochemistry</i> 17(23):4900-4907 (1978)				
*149	Hoogenboom and Winter, "By-passing immunisation: human antibodies from synthetic repertoires of germline Vh gene segments rearranged in vitro" <i>J. Mol. Biol.</i> 227:381-388 (1992)				
*150	Kopp et al., "A Short Polypeptide Marker Sequence Useful for Recombinant Protein Identification and Purification" <i>Bio/Technology</i> 6:1204-1210 (1988)				
*151	Hsiao et al., "High-frequency Transformation of Yeast by Plasmids Containing the Cloned Yeast Arg4 Gene" <i>Proc. Natl. Acad. Sci. USA</i> 76:3829-3833 (1979)				
*152	Hsu et al., "TRADD-TRAF2 and TRADD-FADD interactions define two distinct TNF receptor 1 signal transduction pathways" <i>Cell</i> 84:299-308 (1996)				
*153	Hunter et al., "Preparation of Iodine 131 Labelled Human Growth Hormone of High Specific Activity" <i>Nature</i> 194:495-496 (1962)				
*154	Iliades et al., "Triabodies: single chain Fv fragments without a linker form trivalent trimers" <i>FEBS Letters</i> 409(3):437-441 (Jun 16, 1997)				
*155	Itoh et al., "The polypeptide encoded by the cDNA for human cell surface antigen Fas can mediate apoptosis" <i>Cell</i> 66:233-243 (1991)				
*156	Jakobovits et al., "Analysis of Homozygous Mutant Chimeric Mice: Deletion of the Immunoglobulin Heavy-Chain Joining Region Blocks B-cell Development and Antibody Production" <i>Proc. Natl. Acad. Sci. USA</i> 90:2551-2555 (March 1993)				
*157	Jakobovits et al., "Germ-line Transmission and Expression of a Human-Derived Yeast Artificial Chromosome" <i>Nature</i> 362:255-258 (March 18, 1993)				
*158	Johnson et al., "Expression and Structure of the Human NGF Receptor" <i>Cell</i> 47:545-554 (November 21, 1986)				
*159	Jones et al., "Replacing the Complementarity-determining Regions in a Human Antibody with Those From a Mouse" <i>Nature</i> 321:522-525 (May 29, 1986)				
*160	Jones, E., "Proteinase Mutants of <i>Saccharomyces cerevisiae</i> " <i>Genetics</i> 85(1):23-33 (1977)				
161	Jones, Y., "Cytokine Receptor Complexes Versus Cell Adhesion Interactions - Upping the Affinity" (Abstract no. M11.0A.002 presented at the XVIIIth IUCr Congress & General Assembly held in Glasgow, Scotland on August 4th-13th, 1999.) pps. 133				
*162	Keown et al., "Methods for Introducing DNA into Mammalian Cells" <i>Methods in Enzymology</i> 185:527-537 (1990)				
*163	Kingsman et al., "Replication in <i>Saccharomyces cerevisiae</i> of Plasmid pBR313 Carrying DNA from the Yeast trp1 Region" <i>Gene</i> 7:141-152 (1979)				
Examiner				Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

USCOMM-DC 80-398.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Any Docker No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Amkenaz et al	
			Filing Date 15 Sep 1999	Group +643 1646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
	*164	Kitson et al., "A Death-Domain-Containing Receptor that Mediates Apoptosis" <i>Nature</i> 384:372-375 (1996)		
	*165	Kohler et al., "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity" <i>Nature</i> 256:495-497 (August 7, 1975)		
	*166	Kohn et al., "A second tumor necrosis factor receptor gene product encoded a naturally occurring tumor necrosis factor inhibitor" <i>Proc. Natl. Acad. Sci. USA</i> 87:8331-8335 (1990)		
CUM	*167	Koopman et al., "Annexin V for Flow Cytometric Detection of Phosphatidylserine Expression on B Cells Undergoing Apoptosis" <i>Blood</i> 84:1415-1420 (1994)		
	*168	Kortt et al., "Single-chain Fv fragments of anti-neuraminidase antibody NC10 containing five- and ten-residue linkers form dimers and with zero-residue linker a trimer" <i>Protein Engineering</i> 10(4):423-433 (Apr 1997)		
	*169	Kozak, "An analysis of vertebrate mRNA sequences: intimations of translational control" <i>Journal of Cell Biology</i> 115:887-903 (1991)		
	*170	Kozbor et al., "A Human Hybrid Myeloma for Production of Human Monoclonal Antibodies" <i>The Journal of Immunology</i> 133(6):3001-3005 (1984)		
	*171	Krammer et al., "Regulation of Apoptosis in the Immune System" <i>Curr. Opin. Immunol.</i> 6:279-289 (1994)		
CUM	*172	Kyriakis et al., "Sounding the Alarm: Protein Kinase Cascade Activated by Stress and Inflammation" <i>Journal of Biological Chemistry</i> 271:24313-24316 (1996)		
	*173	Laimins et al., "Osmotic Control of kdp operon Expression in <i>Escherichia coli</i> " <i>Proc. Natl. Acad. Sci. USA</i> 78(1):464-468 (Jan 1981)		
	*174	Lesslauer et al., "Bioactivity of recombinant human TNF receptor fragments" <i>J. Cell. Biochem.</i> (abstract only, Supplement 15F, P422) p. 116 (1991)		
	*175	Lewis et al., "Cloning and expression of cDNAs for two distinct murine tumor necrosis factor receptors demonstrate one receptor is species specific" <i>Proc. Natl. Acad. Sci. USA</i> 88:2830-2834 (1991)		
	*176	Li et al., "Targeted mutation of the DNA methyltransferase gene results in embryonic lethality" <i>Cell</i> 69:915-926 (1992)		
	*177	LIFESEQ Database EST Sequence Reference "1"		
	*178	LIFESEQ Database EST Sequence Reference "2"		
CUM	*179	Liu et al., "Dissection of TNF Receptor 1 Effector Functions: JNK Activation is not Linked to Apoptosis While NF- $\kappa$ B Activation Prevents Cell Death" <i>Cell</i> 87:565-576 (1996)		
	*180	Loetscher et al., "Molecular Cloning and Expression of the Human 55 kd Tumor Necrosis Factor Receptor" <i>Cell</i> 61:351-359 (April 20, 1990)		
	*181	Luckow et al., "Trends in the Development of Baculovirus Expression Vectors" <i>Bio/Technology</i> 6:47-55 (1988)		
	*182	Lusky et al., "Bovine Papilloma Virus Contains an Activator of Gene Expression at the Distal End of the Early Transcription Unit" <i>Molecular &amp; Cellular Biology</i> 3(6):1108-1122 (June 1983)		
	*183	Lutz-Freyermuth et al., "Quantitative Determination That One of Two Potential RNA-binding Domains of the A Protein Component of the U1 Small Nuclear Ribonucleoprotein Complex Binds with High Affinity to Stem-loop II of U1 RNA" <i>Proc. Natl. Acad. Sci. USA</i> 87:6393-6397 (1990)		
Examiner C. M. M. K. J.		Date Considered 12/2/03		
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

USCOMM-DC 80-398

Sheet 09 of 15

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	Group 1643/646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
*184	MacFarlane et al., "Identification and Molecular Cloning of Two Novel Receptors for the Cytotoxic Ligand TRAIL" <u>Journal of Biological Chemistry</u> 272(41):25417-25420 (Oct 10, 1997)				
*185	MacKay et al., "Differential Responses of Fibroblasts from Wild-Type and TNF-R55-Deficient Mice to Mouse and Human TNF- $\alpha$ Activation" <u>J. Immunol.</u> 153:5274-5284 (1994)				
*186	Maeda et al., "Production of Human $\alpha$ -interferon in Silkworm Using a Baculovirus Vector" <u>Nature</u> 315:592-594 (June 13, 1985)				
*187	Mage et al., "Preparation of Fab and F(ab') <sub>2</sub> Fragments from Monoclonal Antibodies" <u>Monoclonal Antibody Production Techniques and Applications</u> , New York: Marcel Dekker, Inc. pps. 79-97 (1987)				
*188	Mallett et al., "Characterization of the MRC OX40 Antigen of Activated CD4 Positive T Lymphocytes - a Molecule Related to Nerve Growth Factor Receptor" <u>EMBO Journal</u> 9:1063-1068 (1990)				
*189	<u>Mammalian Cell Biotechnology: A Practical Approach</u> , M. Butler, ed., IRL Press (1991)				
*190	Mansour et al., "Disruption of the Proto-oncogene int-2 in Mouse Embryo-derived Stem Cells: a General Strategy for Targeting Mutations to Non-selectable Genes" <u>Nature</u> 336:348-352 (1988)				
*191	Mantel et al., "Rabbit $\beta$ -globin mRNA Production in Mouse L Cells Transformed with Cloned Rabbit $\beta$ -globin Chromosomal DNA" <u>Nature</u> 281:40-46 (September 6, 1979)				
*192	Marks et al., "By-passing immunization: human antibodies from V-gene libraries displayed on phage" <u>J. Mol. Biol.</u> 222:581-597 (1991)				
*193	Marsters et al., "A Novel Receptor for Apo2L/TRAIL Contains a Truncated Death Domain" <u>Current Biology</u> 7:1003-1006 (1997)				
*194	Marsters et al., "Activation of Apoptosis by Apo-2 Ligand is Independent of FADD but Blocked by cIcma" <u>Current Biology</u> 6(6):750-752 (1996)				
*195	Marsters et al., "Apo-3, a New Member of the Tumor Necrosis Factor Receptor Family, Contains a Death Domain and Activates Apoptosis and NF- $\kappa$ B" <u>Curr. Biol.</u> 6(12):1669-1676 (1996)				
*196	Marsters et al., "Herpesvirus Entry Mediator, A Member of the Tumor Necrosis Factor (TNFR) Family, Interacts with Members of the TNFR-associated Factor Family and Activates the Transcription Factors NF- $\kappa$ B and AP-1" <u>Journal of Biological Chemistry</u> 272(22):14029-14032 (1997)				
*197	Marsters et al., "Interferon $\gamma$ Signals Via a High-Affinity Multisubunit Receptor Complex That Contains Two Types of Polypeptide Chain" <u>Proc. Natl. Acad. Sci. USA</u> 92:5401-5405 (1995)				
CML *198	Martin et al., "Cell-free Reconstitution of Fas-, UV Radiation- and Ceramide-induced Apoptosis" <u>EMBO Journal</u> 14(21):5191-5200 (1995)				
*199	Martin et al., "GAP Domains Responsible for Ras p21-Dependent Inhibition of Muscarinic Atrial K <sup>+</sup> Channel Currents" <u>Science</u> 255:192-194 (1992)				
*200	Mather et al., "Culture of Testicular Cells in Hormone-Supplemented Serum-Free Medium" <u>Annals N.Y. Acad. Sci.</u> 383:44-68 (1982)				
*201	Mather et al., "Establishment and Characterization of Two Distinct Mouse Testicular Epithelial Cell Lines" <u>Biol. Reprod.</u> 23:243-252 (1980)				
*202	Maxam et al., "Sequencing End-labeled DNA with Base-Specific Chemical Cleavages" <u>Methods in Enzymology</u> 65:499-560 (1980)				
*203	McCafferty et al., "Phage antibodies: filamentous phage displaying antibody variable domains" <u>Nature</u> 348:552-554 (1990)				
Examiner Clayton M. Ky				Date Considered 12/2/03	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant					

USCOMM-DC 80-388.



FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Ashkenazi et al.	
			Filing Date 15 Sep 1999	Group 1643/646
OTHER DISCLOSURES (including Author, Title, Date, Pertinent Pages, etc.)				
204	Mender et al., "Functional transplant of megabase human immunoglobulin loci recapitulates human antibody response in mice" <u>Nature Genetics</u> 15:146-156 (Feb 1997)			
205	Messing et al., "A System for Shotgun DNA Sequencing" <u>Nucleic Acids Research</u> 9(2) 309-321 (1981)			
206	Miller et al., "An Insect Baculovirus Host-Vector System for High-Level Expression of Foreign Genes" <u>Genetic Engineering</u> , Serlow et al., Plenum Publishing Vol. 8 277-298 (1986)			
207	Milstein et al., "Hybrid Hybridomas and Their Use in Immunohistochemistry" <u>Nature</u> 305:537-540 (1983)			
208	Montgomery et al., "Herpes Simplex Virus-1 Entry into Cells Mediated by a Novel Member of the TNF/NGF Receptor Family" <u>Cell</u> 87(3):427-436 (1996)			
209	Moore et al., "Apoptosis in CHO Cell Batch Cultures: Examination by Flow Cytometry" <u>Cytotechnology</u> 17:1-11 (1995)			
210	Morrison et al., "Chimeric Human Antibody Molecules: Mouse Antigen-Binding Domains with Human Constant Region Domains" <u>Proc. Natl. Acad. Sci. USA</u> 81:6851-6855 (November 1984)			
211	Morrison et al., "Transfer and expression of immunoglobulin genes" <u>Annual Review of Immunology</u> 2:239-256 (1984)			
212	Morrison, S. L., "Transfectedomas Provide Novel Chimeric Antibodies" <u>Science</u> 229:1202-1207 (September 20, 1985)			
213	Mulligan et al., "Expression of a Bacterial Gene in Mammalian Cells" <u>Science</u> 209:1422-1427 (Sep 1980)			
214	Munro, "Uses of chimeric antibodies" <u>Nature</u> 312 597 (1984)			
215	Munson et al., "LIGAND: A Versatile Computerized Approach for Characterization of Ligand-Binding Systems" <u>Analytical Biochemistry</u> 107:220-239 (1980)			
216	Muzio et al., "FliCE, A Novel FADD-Homologous ICE/CED-3-Like Protease, Is Recruited to the CD95 (Fas/APO-1) Death-Inducing Signaling Complex" <u>Cell</u> 85:817-827 (1996)			
217	Nagata et al., "The Fas Death Factor" <u>Science</u> 267:1449-1456 (1995)			
218	Nagata, "Apoptosis by Death Factor" <u>Cell</u> 88:355-365 (1997)			
219	NCBI/GenBank EST; Locus AA223122 (computer printout attached)			
220	NCBI/GenBank EST; Locus AA232440 (computer printout attached)			
221	NCBI/GenBank EST; Locus HS75A7R (computer printout attached)			
222	Neuberger et al., "Recombinant Antibodies Possessing Novel Effector Functions" <u>Nature</u> 312:604-608 (December 13, 1984)			
223	Nopfar et al., "Soluble forms of tumor necrosis factor receptors (TNF-Rs). The cDNA for the type I TNF-R, cloned using amino acid sequence data of its soluble form, encodes both the cell surface and a soluble form of the receptor" <u>EMBO Journal</u> 9:3269-3278 (1990)			
Examiner Clayton M. 19			Date Considered 12/2/03	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 608, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

Sheet 01 of 15

FORM PTO-1449	U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)		Applicant Ashkenazi et al.	
		Filing Date 15 Sep 1999	Group 1643/1646

## U.S. PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
<i>CM</i>	*	1 3,691,016	12.09.72	Patel, R.			
	*	2 3,969,287	13 07 76	Jaworek et al.			
	*	3 4,179,337	18.12.79	Davis et al.			
	*	4 4,195,128	25.03.80	Wildebrand et al.			
	*	5 4,223,537	21.10.80	Hodgins et al.			
	*	6 4,247,542	27.01.81	Mironara et al.			
	*	7 4,301,144	17 11 81	Iwashita et al.			
	*	8 4,330,440	18.06.82	Ayers et al.			
	*	9 4,342,566	03 08 82	Phenolopoulos et al.			
	*	10 4,399,216	16.08.83	Favel et al.			
	*	11 4,419,446	06.12.83	Howley et al.			
	*	12 4,496,689	29.01.85	Nitra, G.			
	*	13 4,601,978	22 07 86	Karin, M.			
	*	14 4,640,835	03.02.87	Shimizu et al.			
	*	15 4,670,417	02.06.87	Iwasaki et al.			
	*	16 4,676,980	30.06.87	Segal et al.			
	*	17 4,736,866	12 04.88	Leder et al.			
	*	18 4,791,192	13.12.88	Nakagawa et al.			
	*	19 4,816,967	28.03.89	Cabilly et al.			
	*	20 4,855,235	08.08.89	Takahashi et al.			
	*	21 4,870,009	26.09.89	Evans et al.			
	*	22 4,965,199	23.10.90	Capon et al.			
	*	23 5,010,182	23.04.91	Brake et al.			
	*	24 5,153,118	06.10.92	Wright, Jr et al.			
	*	25 5,158,885	27 10 92	Bradstock et al.			
<i>CM</i>	*	26 5,364,934	15.11.94	Drayna et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Date	Country	Class	Subclass	Translation Yes No
<i>CM</i>	*	27 036,776	30 09 81	EPO			
	*	28 079,657	09.03.83	EPO			
	*	29 117,058	29 08 84	EPO			
	*	30 117,060	29.08.84	EPO			
	*	31 129,023 A1	14.11.84	EPO			
	*	32 173,494	05 03 86	EPO			
<i>CM</i>	*	33 278,776	17.08.88	EPO			

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-398.

Sheet 11 of 15

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Any Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	Group 4645/646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
-224	Mygren, H., "Conjugation of Horseradish Peroxidase to Fab Fragments with Different Homobifunctional and Heterobifunctional Cross-Linking Reagents" <i>The Journal of Histochemistry and Cytochemistry</i> 30(5):407-412 (1982)				
-225	Olsson and Kaplan, "Human-human hybridomas producing monoclonal antibodies of predefined antigenic specificity" <i>Proc. Natl. Acad. Sci. USA</i> 77(9):5429-5431 (1980)				
-226	Osborne et al., "Transcription Control Region Within the Protein-coding Portion of Adenovirus E1A Genes" <i>Molecular &amp; Cellular Biology</i> 4(7):1293-1305 (July 1984)				
-227	Faborsky et al., "Mammalian Cell Transient Expression of Tissue Factor for the Production of Antigen" <i>Protein Eng.</i> 3(6):547-557 (1990)				
-228	Pain et al., "Preparation of Protein A-Peroxidase Monoconjugate Using a Heterobifunctional Reagent, and its Use in Enzyme Immunoassays" <i>Journal of Immunological Methods</i> 40:219-230 (1981)				
-229	Pan et al., "An Antagonist Decay Receptor and a Death-domain Containing Receptor for TRAIL" <i>Science</i> 277:815-818 (1997)				
-230	Pan et al., "The Receptor for the Cytotoxic Ligand TRAIL" <i>Science</i> 276:111-113 (1997)				
-231	Pavlikis et al., "Expression of Two Human Growth Hormone Genes in Monkey Cells Infected by Simian Virus 40 Recombinants" <i>Proc. Natl. Acad. Sci. USA</i> 78(32):7398-7402 (December 1981)				
-232	Petrre et al., "A tumor necrosis factor binding protein is present in human biological fluids" <i>Eur. J. Haematol.</i> 41:414-419 (1988)				
-233	Pennica et al., "Human Tumour Necrosis Factor: Precursor, Structure, Expression and Homology to Lymphotoxin" <i>Nature</i> 312:724-729 (1984)				
-234	Peppel and Butler, "Chimeric TNF-Receptor-IgG Molecule Acts as Soluble Inhibitor of TNF Mediated Cytotoxicity" <i>J. Cell. Biochem.</i> (abstract only, Supplement 15F; P439) p. 118 (1991)				
-235	Peterson, N., "Recombinant antibodies: alternative strategies for developing and manipulating murine-derived monoclonal antibodies" <i>Laboratory Animal Science</i> 46(1):8-14 (Feb 1996)				
-236	Pitti et al., "Induction of Apoptosis by Apo-2 Ligand, a New Member of the Tumor Necrosis Factor Cytokine Family" <i>Journal of Biological Chemistry</i> 271:12687-12690 (1996)				
-237	Presta et al., "Humanization of an Antibody Directed Against IGF" <i>J. Immunol.</i> 151(5):2623-2632 (September 1, 1993)				
-238	Presta, L., "Antibody Engineering" <i>Curr. Op. Struct. Biol.</i> 2:593-596 (1992)				
-239	Radeke et al., "Gene transfer and molecular cloning of the rat nerve growth factor receptor" <i>Nature</i> 325:593-597 (February 12, 1987)				
-240	Raiff, "Social Controls on Cell Survival and Cell Death" <i>Nature</i> 356:397-400 (1993)				
-241	Ravan et al., "Cloning and Functional Analysis of a Novel Protein Which Binds To The p55 TNF Receptor Death Domain" <i>Euro. Cytokine Network</i> (abstract No. 82) 7:210 (April-Jun 1996)				
-242	Raven et al., "Cloning and Functional Analysis of a Novel Protein Which Binds to the p55 TNF Receptor Death Domain" <i>Programmed Cell Death Meeting</i> (abstract only) pps. 127 (20-24 September 1995)				
-243	Ray et al., "Viral Inhibition of Inflammation: Cowpox Virus Encodes an Inhibitor of the Interleukin-1 $\beta$ Converting Enzyme" <i>Cell</i> 69:597-604 (May 15, 1992)				
Examiner				Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 809; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

USCOMM-DC 80-396.

Sheet 12 of 15

FORM PTO-1449

U.S. Dept. of Commerce  
Patent and Trademark Office

Atty Docket No.

#1101P2

Serial No.

09/396,710

## LIST OF DISCLOSURES CITED BY APPLICANT

(Use several sheets if necessary)

Applicant

Ashkenazi et al.

Filing Date

15 Sep 1999

Group

4643 1646

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

- \*244 Remington's Pharmaceutical Sciences, Oslo et al., eds., 16th edition, Mack Publishing Co. (1980)
- \*245 Reyes et al., "Expression of Human  $\beta$ -interferon cDNA Under the Control of a Thymidine Kinase Promoter from Herpes Simplex Virus" *Nature* 297:598-601 (June 17, 1982)
- \*246 Rice and Baltimore, "Regulated expression of an immunoglobulin  $\kappa$  gene introduced into a mouse lymphoid cell line" *Proc. Natl. Acad. Sci. USA* 79:7862-7865 (1982)
- \*247 Riechmann et al., "Reshaping Human Antibodies for Therapy" *Nature* 332:323-327 (Mar 24, 1988)
- \*248 Rothe et al., "A novel family of putative signal transducers associated with the cytoplasmic domain of the 75 kDa tumor necrosis factor receptor" *Cell* 78:681-692 (1994)
- \*249 Sachs et al., "Control of Programmed Cell Death in Normal and Leukemic Cells: New Implications for Therapy" *Blood* 82:15-21 (1993)
- \*250 Sambrook et al., *Molecular Cloning: A Laboratory Manual*, Second edition, New York: Cold Spring Harbor Laboratory Press (1989)
- \*251 Schall et al., "Molecular Cloning and Expression of a Receptor for Human Tumor Necrosis Factor" *Cell* 61:361-370 (April 20, 1990)
- \*252 Schmid et al., "DNA Fragmentation: Manifestation of Target Cell Destruction Mediated by Cytotoxic T-cell Lines, Lymphotoxin-secreting Helper T-cell Clones, and Cell-free Lymphotoxin-containing Supernatant" *Proc. Natl. Acad. Sci. USA* 83:1881-1885 (1986)
- \*253 Schneider et al., "Characterization of two receptors for TRAIL" *FEBS Letters* 416:329-334 (1997)
- \*254 Screaton et al., "TRICK2, a new alternatively spliced receptor that transduces the cytotoxic signal from TRAIL" *Current Biology* 7:693-696 (1997)
- \*255 Sackinger et al., "Purification and biologic characterization of a specific tumor necrosis factor  $\alpha$  inhibitor" *Journal of Biological Chemistry* 264:11966-11973 (1989)
- \*256 Sharon et al., "Expression of a V $\mu$ C $\kappa$  chimeric protein in mouse myeloma cells" *Nature* 309:364-367 (1984)
- \*257 Shaw et al., "A General Method for the Transfer of Cloned Genes to Plant Cells" *Gene* 23:315-330 (1983)
- \*258 Sheridan et al., "Control of TRAIL-Induced Apoptosis by a Family of Signaling and Decoy Receptors" *Science* 277:818-821 (1997)
- \*259 Shopes, "A genetically engineered human IgG mutant with enhanced cytolytic activity" *Journal of Immunology* 148(9):2918-2922 (May 1, 1992)
- \*260 Siebenlist et al., "E. Coli RNA Polymerase Interacts Homologously with Two Different Promoters" *Cell* 20:269-281 (June 1980)
- \*261 Simonet et al., "Osteoprotegerin: A Novel Secreted Protein Involved in the Regulation of Bone Density" *Cell* 89:309-319 (Apr 18, 1997)
- \*262 Sims et al., "A Humanized CD18 Antibody Can Block Function Without Cell Destruction" *The Journal of Immunology* 151(4):2296-2308 (Aug 1993)
- \*263 Skinner et al., "Use of the Glu-Glu-Phe C-terminal Epitope for Rapid Purification of the Catalytic Domain of Normal and Mutant ras GTPase-activating Proteins" *Journal of Biological Chemistry* 266:14163-14166 (1991)

Examiner

Date Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

USCOMM-DC 80-398

Sheet 13 of 15

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office	Any Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)			Applicant Ashkenazi et al.	
			Filing Date 15 Sep 1989	Group 1643 1646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
*264	Smith et al., "A Receptor for Tumor Necrosis Factor Defines an Unusual Family of Cellular and Viral Proteins" <i>Science</i> 248:1019-1023 (May 25, 1990)			
*265	Smith et al., "T2 Open reading frame from the Shope fibroma virus encodes a soluble form of the TNF receptor" <i>Biochem. &amp; Biophys. Res. Comm.</i> 176:335-342 (1991)			
*266	Smith et al., "The TNF receptor superfamily of cellular and viral proteins: activation, costimulation, and death" <i>Cell</i> 76:959-962 (1994)			
*267	Sojar et al., "A Chemical Method for the Deglycosylation of Proteins" <i>Archives of Biochemistry &amp; Biophysics</i> 259(1):52-57 (1987)			
*268	Southern et al., "Transformation of Mammalian Cells to Antibiotic Resistance with a Bacterial Gene Under Control of the SV40 Early Region Promoter" <i>J. Molec. Appl. Genet.</i> 1:327-341 (1982)			
*269	Stamenkovic et al., "A B-lymphocyte activation molecule related to the nerve growth factor receptor and induced by cytokines in carcinomas" <i>EMBO Journal</i> 8(5):1403-1410 (1989)			
*270	Steinitz et al., "EB virus-induced B lymphocyte cell lines producing specific antibody" <i>Nature</i> 269(5627):420-422 (Sep 29, 1977)			
*271	Steller, "Mechanisms and Genes of Cellular Suicide" <i>Science</i> 267:1445-1449 (1995)			
*272	Stevenson et al., "A chimeric antibody with dual Ig regions (bisFabFc) prepared by manipulations at the IgC hinge" <i>Anti-Cancer Drug Design</i> 3(4):219-230 (Mar. 1989)			
*273	Stinchcomb et al., "Isolation and Characterisation of a Yeast Chromosomal Replicator" <i>Nature</i> 282:39-43 (November 1, 1979)			
*274	Suda et al., "Molecular Cloning and Expression of the Fas Ligand, a Novel Member of the Tumor Necrosis Factor Family" <i>Cell</i> 75:1169-1178 (1993)			
*275	Sugden et al., "A Vector that Replicates as a Plasmid and Can Be Efficiently Selected in B-Lymphoblasts Transformed by Epstein-Barr Virus" <i>Molecular &amp; Cellular Biology</i> 5:410-413 (1985)			
*276	Suresh et al., "Bispecific Monoclonal Antibodies from Hybrid Hybridomas" <i>Methods in Enzymology</i> 121:210-228 (1986)			
*277	Suva et al., "A parathyroid hormone-related protein implicated in malignant hypercalcemia: cloning and expression" <i>Science</i> 237(4817):893-896 (Aug. 1987)			
*278	Takao et al., "Novel DNA Polymorphism in the Mouse Tumor Necrosis Factor Receptors Type 1 and Type 2" <i>Immunogenetics</i> 37:199-203 (1993)			
*279	Tartaglia et al., "A novel domain within the 55kd TNF receptor signals cell death" <i>Cell</i> 74(5):845-853 (1993)			
*280	Tewari et al., "Fas- and Tumor Necrosis Factor-induced Apoptosis is Inhibited by the Poxvirus crmA Gene Product" <i>Journal of Biological Chemistry</i> 270:3255-3260 (1995)			
*281	Tewari et al., "Recent Advances in Tumor Necrosis Factor and CD40 Signaling" <i>Curr. Op. Genet. Develop.</i> 6:39-44 (1996)			
*282	Tewari et al., "Yama/CPP32 $\beta$ , a Mammalian Homolog of CED-3, is a CrmA-Inhibitable Protease That Cleaves the Death Substrate Poly(ADP-Ribose) Polymerase" <i>Cell</i> 81:801-809 (1995)			
*283	Thomas et al., "Site-Directed Mutagenesis by Gene Targeting in Mouse Embryo-Derived Stem Cells" <i>Cell</i> 51:503-512 (1987)			
Examiner			Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

USCOMM-DC 80-398.

Sheet 14 of 15

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	Group 1643 1646
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
*284	Thomas, P., "Hybridization of Denatured RNA and Small DNA Fragments Transferred to Nitrocellulose" <u>Proc. Natl. Acad. Sci. USA</u> 77(9):5201-5205 (September 1980)				
*285	Thompson, "Apoptosis in the Pathogenesis and Treatment of Disease" <u>Science</u> 267:1456-1462 (1995)				
*286	Thorakura et al., "Enzymatic Deglycosylation of Glycoproteins" <u>Meth. Enzymol.</u> 138:350-359 (1987)				
*287	Tissue Culture, Kruse and Patterson, eds., New York:Academic Press (1973)				
*288	Trautner et al., "Bispecific Single Chain Molecules (Janusins) Target Cytotoxic Lymphocytes on HIV Infected Cells" <u>EMBO Journal</u> 10(12):3655-3659 (1991)				
*289	Trautner et al., "Highly Efficient Neutralization of HIV with Recombinant CD4-immunoglobulin Molecules" <u>Nature</u> 339:68-70 (1989)				
*290	Tschumper et al., "Sequence of a Yeast DNA Fragment Containing a Chromosomal Replicator and the TRP1 Gene" <u>Gene</u> 10:157-166 (1980)				
*291	Upton et al., "Myxoma virus expresses a secreted protein with homology to the tumor necrosis factor receptor gene family that contributes to viral virulence" <u>Virology</u> 184:370-382 (1991)				
*292	Upton et al., "Tumorigenic poxviruses: genomic organization and DNA sequence of the telomeric region of the Shope fibroma virus genome" <u>Virology</u> 160:20-29 (1987)				
*293	Urlaub et al., "Isolation of Chinese Hamster Cell Mutants Deficient in Dihydrofolate Reductase Activity" <u>Proc. Natl. Acad. Sci. USA</u> 77(7):4216-4220 (July 1980)				
*294	Van den Berg et al., "Kluyveromyces as a Host for Heterologous Gene Expression: Expression and Secretion of Prochymosin" <u>Bio/Technology</u> 8:135-139 (1990)				
*295	Van Solingen et al., "Fusion of Yeast Spheroplasts" <u>J. Bacter.</u> 130:946-947 (1977)				
*296	Vaughan et al., "Human Antibodies With Sub-nanomolar Affinities Isolated From a Large Non-immunized Phage Display Library" <u>Nature Biotechnology</u> 14:309-314 (1996)				
*297	Verhoeven et al., "Reshaping Human Antibodies: Crafting an Antilysozyme Activity" <u>Science</u> 239:1534-1536 (Mar 25, 1988)				
*298	Verma et al., "Rel/NF-kB/IkB Family: Intimate Tales of Association and Dissociation" <u>Genes Develop.</u> 9:2723-2735 (1995)				
*299	von Bulow et al., "NF-AT Activation Induced by a CML-Interacting Member of the Tumor Necrosis Factor Receptor Superfamily" <u>Science</u> 278:138-141 (Oct 3, 1997)				
*300	Walczak et al., "TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL" <u>EMBO Journal</u> 16(17):5386-5397 (1997)				
*301	Watanabe-Fukunaga et al., "Lymphoproliferation Disorder in Mice Explained by Defects in Fas Antigen that Mediates Apoptosis" <u>Nature</u> 356:314-317 (1992)				
*302	Welcher et al., "Nerve growth factor binding domain of the nerve growth factor receptor" <u>Proc. Natl. Acad. Sci. USA</u> 88:159-163 (1991)				
*303	Wells et al., "Cassette Mutagenesis: an Efficient method for Generation of Multiple Mutations at Defined Sites" <u>Gene</u> 34(2-3):315-323 (1985)				
Examiner				Date Considered	
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant					

USCOMM-DC 80-398.

FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. P1101P2	Serial No. 09/396,710
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Ashkenazi et al.	
				Filing Date 15 Sep 1999	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)					
*304	Wells et al., "Importance of hydrogen-bond formation in stabilizing the transition state of subtilisin" <u>Philos. Trans. R. Soc. London Ser. A</u> 317 415-423 (1986)				
*305	Wiley et al., "Identification and Characterization of a New Member of the TNF Family that Induces Apoptosis" <u>Immunity</u> 3:673-682 (1995)				
*306	Wolff et al., "Monoclonal antibody homodimers: enhanced antitumor activity in nude mice" <u>Cancer Research</u> 53(11):2560-2565 (Jun 1, 1993)				
*307	Wong et al., "TRANCE is a Novel Ligand of the Tumor Necrosis Factor Receptor Family That Activates c-Jun N-terminal Kinase in T Cells" <u>Journal of Biological Chemistry</u> 272(40) 25190-25194 (Oct 3, 1997)				
*308	Wu et al., "KILLER/DR5 is a DNA-damage-inducible p53-regulated death receptor gene" <u>Nature Genetics</u> 17:141-143 (October 1997)				
*309	Yan and Chao, "Disruption of Cysteine-rich repeats of the p75 nerve growth factor receptor leads to loss of ligand binding" <u>Journal of Biological Chemistry</u> 266:12089-12104 (1991)				
*310	Vaniv, M., "Enhancing Elements for Activation of Eukaryotic Promoters" <u>Nature</u> 297(6):17-18 (May 1982)				
*311	Yonehara et al., "A Cell-killing monoclonal antibody (anti-Fas) to a cell surface antigen co-downregulated with the receptor of tumor necrosis factor" <u>Journal of Experimental Medicine</u> 169:1747-1756 (1989)				
*312	Zheng et al., "Induction of Apoptosis in Mature T Cells by Tumor Necrosis Factor" <u>Nature</u> 377:348-351 (1995)				
*313	Zola, "Using Monoclonal Antibodies: Soluble Antigens" <u>Monoclonal Antibodies: A Manual of Techniques</u> , CRC Press, Chapter 6, pp. 147-158 (1987)				
*314	Zoller et al., "Oligonucleotide-directed Mutagenesis Using M13-derived Vectors: An Efficient and General Procedure for the Production of Point Mutations in Any Fragment of DNA" <u>Nucl. Acids Res.</u> 10(20) 6487-6500 (1982)				
Examiner		Date Considered			
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

USCOMM-DC 80-398